

REMARKS/ARGUMENTS

Claims 20, 21, 23-46 and 54 are pending herein. Claim 54 has been amended in order to clarify that the lithium compound dissolved in the organic solvent includes at least one ring carbonate and at least two chain carbonates, and that the ratio of a limit discharging current to the cell capacity is at least 31.25, as supported by paragraphs [0131] and Table 1 of the original specification.

Examiner Yuan is thanked for courtesies extended to Applicants' representative (Steven Caldwell) during a telephonic interview on December 16, 2004. During the Interview, Examiner Yuan stated that an RCE would be required before he would enter the above amendments to pending claim 54 after final rejection. Accordingly, an RCE is filed herewith.

1. The objection to the August 20, 2004 Amendment under §132 and the rejection of claims 23-28 and 54 under §112, first paragraph are noted, but deemed moot in view of rewritten claim 54 submitted above. Particularly, as discussed above, pending independent claim 54 now recites a ratio of a limit discharging current to cell capacity of at least around 31.25. Paragraphs [0131] and Table 1 of the original specification respectively disclose that the cell battery capacity is approximately 8 Ah and the limiting discharging current is 250 A. Accordingly, the original disclosure supports a limit discharging current to battery capacity ratio of at least around 31.25, as presently claimed.

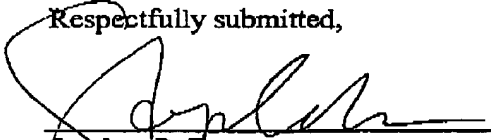
2. The rejection of claims 23-28 and 54 under §112, second paragraph is noted, but deemed moot in view of rewritten claim 54 submitted above. Particularly, "at least one ring-shaped carbonate and at least two chain-shaped carbonates" appearing in lines 8 and 9 of pending claim 54 in the August 20, 2004 Amendment have been changed to --at least one ring carbonate and at least two chain carbonates--.

If the Examiner believes that contact with Applicants' attorney would be advantageous toward the disposition of this case, the Examiner is herein requested to call Applicants' attorney at the phone number noted below.

The Commissioner is hereby authorized to charge any additional fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446.

January 11, 2005
Date

Respectfully submitted,


Stephen P. Burr
Reg. No. 32,970

SPB:SWC:jms

BURR & BROWN
P.O. Box 7068
Syracuse, NY 13261-7068

Customer No.: 025191
Telephone: (315) 233-8300
Facsimile: (315) 233-8320